

BST

RESIDENTIAL ENERGY STORAGE BATTERY MODULE



MD48-100-3U

MD 48

- Rack-mounted, 19 inch Modular +
- LiFePO4 Battery, High Safety +
- Flexible Scalability +
- Long Lifespan +
- Compatible with Various Inverters +



Read More

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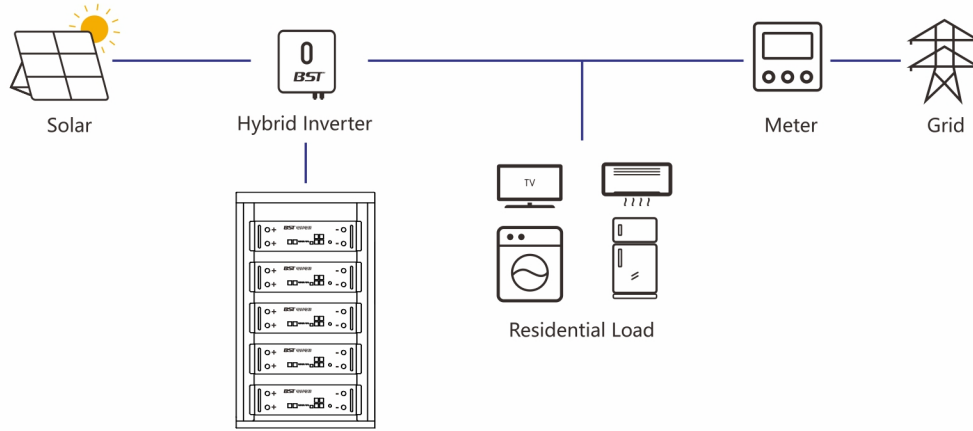
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Up to 15 Batteries in Parallel

Model	MD48-100-3U	
General		
Nominal Energy	5.12 kWh	
Usable Energy	5.12 kWh	
Scalability	Max. 15 In Parallel (76.8kWh)	
Dimension (W x H x D)	440 x 420 x 133 mm	
Weight	~44 kg	
Design Life	10 Years	
Electrical		
Nominal Voltage	51.2 V	
Operating Voltage Range	43.2 ~ 56.8 V	
Charge / Discharge Current	(Recommend)	50A / 50A
	(Maximum)	100A / 100A
Operation		
Charge Temperature	0 ~ 50°C	
Discharge Temperature	-10 ~ 50°C	
Storage Temperature	-20 ~ 45°C	
Humidity	5% ~ 95% RH (No Condensation)	
Altitude	≤4000m	
Ingress Protection	IP20	
Communication Interface	CAN, RS485 (Optional WIFI, BLE)	
Certification	UI1973, UN38.3, EN 61000-6-1, EN 61000-6-3, IEC62619	
Compatible Inverter	BST / Deye / Sofar / Solis / Victron / Voltronic	

MD48